SAI KUMAR KOVOURI

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OBJECTIVE

Graduate student in computer science looking for full-time opportunities starting December 2017

EDUCATION

Masters (CS) - University of Missouri, Columbia, Missouri || GPA 3.9/4.0   Anticipated Graduation: December 2017

Bachelors (CS&E) - Osmania University, Hyderabad, India || GPA 3.6/4.0   Graduated: May 2013

PROFESSIONAL EXPERIENCE

Cisco Systems | Software Engineering Intern   **San Jose, California | May 2017 – August 2017**

- Built a real-time monitoring tool in python to capture and visually display resource utilization in Hadoop cluster
- Performed a benchmark to analyze server performance running virtualized databases, tuned SUT for better throughput
- Analyzed storage disks yielding low performance by writing fio script and parsed output files using python.

Assessment Resource Center | Graduate Research Assistant   **Columbia, Missouri | June 2016 – May 2017**

- Implemented the idea of a performance evaluation platform tool to assist researchers at the university with tracking goals, objectives and rubrics throughout the academic year
- Built course evaluation platform in C# and AngularJS to receive input from students on their professor's performance

NetCracker Technology Solutions | Associate Software Engineer   **Hyderabad, India | June 2013 – December 2015**

- Developed AT&T Card Account Manager in Java/J2EE and integrated it with Billing application using REST services
- Automated production tasks by writing shell scripts through database interaction
- Built Implementation Plan tool used during project releases to send task updates, which saved 150 IT hours annually
- Worked on high priority system critical issues during migration of CAM servers from Convergys to NetCracker
- Performed regression and system level testing before every release to verify application quality and functionality
- Developed an automated tool that sends RSS feeds to the whole team, to keep track of ongoing technology

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SKILLS

Java/J2EE	• C#	• Python	• ASP.NET	• Android	• Spring	• Hibernate	• Struts	• REST API	• SOAP
Shell Scripting	• Unix	• PHP	• AngularJS	• JavaScript	• JQuery	• Bootstrap	• HTML5	• CSS	• EJB
SQL/PLSQL	• MySQL	• Oracle	• PostgreSQL	• MongoDB	• AWS	• Laravel	• TFS	• SVN	• Git

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PROJECTS

- Implemented software defined network to intelligently stream video using Openflow controller   **2016**
- Trained support vector machine to classify ALL and AML cancer types   **2016**
- Analysis and prediction of socio-economic trends in movie industry using decision trees and regression analysis   **2017**
- Developed an Android application, which aimed at finding the possible ways to measure visual acuity errors   **2013**
- Developed an Android application at HackMizzou, which gives a complex algebraic expression to solve   **2016**
- Developed Instant Messenger with RSA encryption, a Java-based application that provides secure instant messaging   **2012**

ACHIEVEMENTS

- Received Spotlight Excellence Employee award for best performance at NetCracker
- Certified by EMC2 on Information Storage Associate Version 2
- Cleared proficient level certification in UNIX and Shell scripting